

# ENERGY RECOVERY IN MICHIGAN

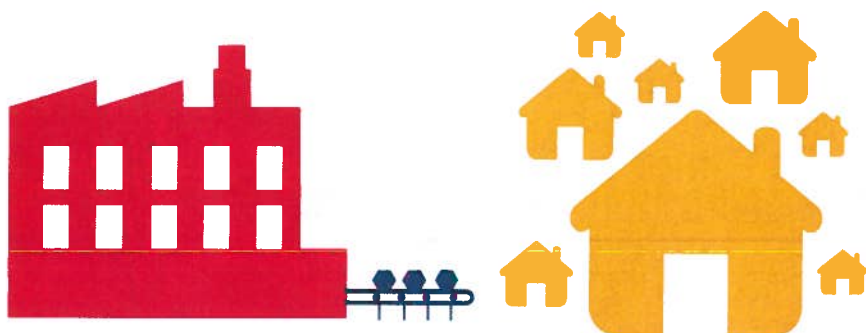


**Chemistry is creating energy solutions for a strong, secure and sustainable future.**

Chemistry is transforming waste into a valuable energy resource through advanced energy recovery technologies. Recovering this abundant energy complements recycling and reduces waste that would otherwise be sent to landfills.

Although traditional recycling rates in the U.S. are growing and must continue to do so, tons of high energy-content products, like non-recycled plastics and other materials, are buried in landfills every day – wasting a valuable energy source. Modern energy recovery facilities can process waste with fewer emissions than conventional fuels processed in most power plants, while innovative plastics-to-oil technologies convert plastics into alternative fuels.

**Chemistry is unlocking the energy in discarded materials:**



## Recycling

Michigan recycles  
844,000 tons of  
Municipal Solid Waste



## Energy Recovery



**UPDATE MICHIGAN'S RENEWABLE ENERGY LAW TO ALLOW:**



Use of municipal solid waste more fully as a direct source of energy while helping to avoid landfill



Promotion of advanced conversion technologies as part of Michigan's commitment to diversify it's energy base



Expanding development of alternative fuels made from municipal solid waste while creating jobs